

## Card, SmartWire-DT, for enclosure with 3 mounting locations

**Part no.** M22-SWD-I3-LP01  
**115992**  
**EL Number** 4519763  
**(Norway)**

| General specifications   |  |  |
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| Product name   |  | Eaton Moeller® series M22 Card   |
| Part no.   |  | M22-SWD-I3-LP01  |
| EAN  |  | 4015081157327  |
| Product Length/Depth   |  | 121 millimetre   |
| Product height   |  | 16 millimetre  |
| Product width  |  | 47 millimetre  |
| Product weight   |  | 0.022 kilogram   |
| Certifications   |  | UL Category Control No.: NKCR<br>CSA File No.: 2324643<br>UL File No.: E29184<br>CSA Class No.: 3211-07<br>UL<br>CSA |
| Product Tradename  |  | M22  |
| Product Type   |  | Card   |
| Product Sub Type   |  | None   |
| Catalog Notes  |  | Circuit boards for M22-I... surface mounting enclosure   |
| Features & Functions   |  |  |
| Fitted with:   |  | Connectable SmartWire-DT network terminator  |
| Functions  |  | For taking bottom function elements  |
| Number of locations  |  | 3  |
| General information  |  |  |
| Accessory/spare part type  |  | Accessory  |
| Climatic environmental conditions  |  |  |
| Ambient operating temperature - min  |  | -30 °C   |
| Ambient operating temperature - max  |  | 55 °C  |
| Communication  |  |  |
| Connection to SmartWire-DT   |  | Yes  |
| Design verification  |  |  |
| Equipment heat dissipation, current-dependent P <sub>vid</sub>                   |  | 0 W  |
| Heat dissipation capacity P <sub>diss</sub>                                      |  | 0 W  |
| Heat dissipation per pole, current-dependent P <sub>vid</sub>                    |  | 0 W  |
| Rated operational current for specified heat dissipation (I <sub>n</sub> )       |  | 0 A  |
| Static heat dissipation, non-current-dependent P <sub>vs</sub>                   |  | 0.3 W  |
| 10.2.2 Corrosion resistance  |  | Meets the product standard's requirements.   |
| 10.2.3.1 Verification of thermal stability of enclosures                         |  | Meets the product standard's requirements.   |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat       |  | Meets the product standard's requirements.   |
| 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects |  | Meets the product standard's requirements.   |
| 10.2.4 Resistance to ultra-violet (UV) radiation                                 |  | Meets the product standard's requirements.   |
| 10.2.5 Lifting   |  | Does not apply, since the entire switchgear needs to be evaluated.   |
| 10.2.6 Mechanical impact   |  | Does not apply, since the entire switchgear needs to be evaluated.   |
| 10.2.7 Inscriptions  |  | Meets the product standard's requirements.   |
| 10.3 Degree of protection of assemblies  |  | Does not apply, since the entire switchgear needs to be evaluated.   |
| 10.4 Clearances and creepage distances   |  | Meets the product standard's requirements.   |
| 10.5 Protection against electric shock   |  | Does not apply, since the entire switchgear needs to be evaluated.   |
| 10.6 Incorporation of switching devices and components                           |  | Does not apply, since the entire switchgear needs to be evaluated.   |
| 10.7 Internal electrical circuits and connections                                |  | Is the panel builder's responsibility.   |
| 10.8 Connections for external conductors   |  | Is the panel builder's responsibility.   |

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| 10.9.2 Power-frequency electric strength                 |  |  | Is the panel builder's responsibility.   |
| 10.9.3 Impulse withstand voltage                         |  |  | Is the panel builder's responsibility.   |
| 10.9.4 Testing of enclosures made of insulating material |  |  | Is the panel builder's responsibility.   |
| 10.10 Temperature rise                                   |  |  | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| 10.11 Short-circuit rating                               |  |  | Is the panel builder's responsibility. The specifications for the switchgear must be observed.                                   |
| 10.12 Electromagnetic compatibility                      |  |  | Is the panel builder's responsibility. The specifications for the switchgear must be observed.                                   |
| 10.13 Mechanical function                                |  |  | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.                         |

## Technical data ETIM 9.0

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| Low-voltage industrial components (EG000017) / Accessories/spare parts for command devices (EC002024)  |  |  |       |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Command and alarm device (accessories) (ecl@ss13-27-37-12-92 [AC0037015]) |  |  |       |
| Type of electrical accessory/spare part  |  |  | Other |
| Type of mechanical accessory/spare part  |  |  | Other |
| Accessory  |  |  | Yes   |
| Spare part   |  |  | No    |